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(54) Title: **DIAGNOSTICS AND THERAPEUTICS FOR DISEASES ASSOCIATED WITH PLASMA GLUTAMATE CARBOXYPEPTIDASE (PGCP)**

(57) Abstract: The invention provides a human PGCP which is associated with the cardiovascular diseases, endocrinological diseases, metabolic diseases, cancer, inflammation, gastroenterological diseases, hematological diseases, respiratory diseases, muscle-skeleton diseases, neurological diseases and urological diseases. The invention also provides assays for the identification of compounds useful in the treatment or prevention of cardiovascular diseases, endocrinological diseases, metabolic diseases, cancer, inflammation, gastroenterological diseases, hematological diseases, respiratory diseases, muscle-skeleton diseases, neurological diseases and urological diseases. The invention also features compounds which bind to and/or activate or inhibit the activity of PGCP as well as pharmaceutical compositions comprising such compounds.



WO 2005/076003 A3